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Brutcher Tr No 2889

Scientific - Chemistry

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Sci - Min/Met
May 60

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Brutcher Trans No 2852

Scientific - Chemistry, Metallurgy, furnace, refractory materials, kryptol furnace

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Scientific - Physics

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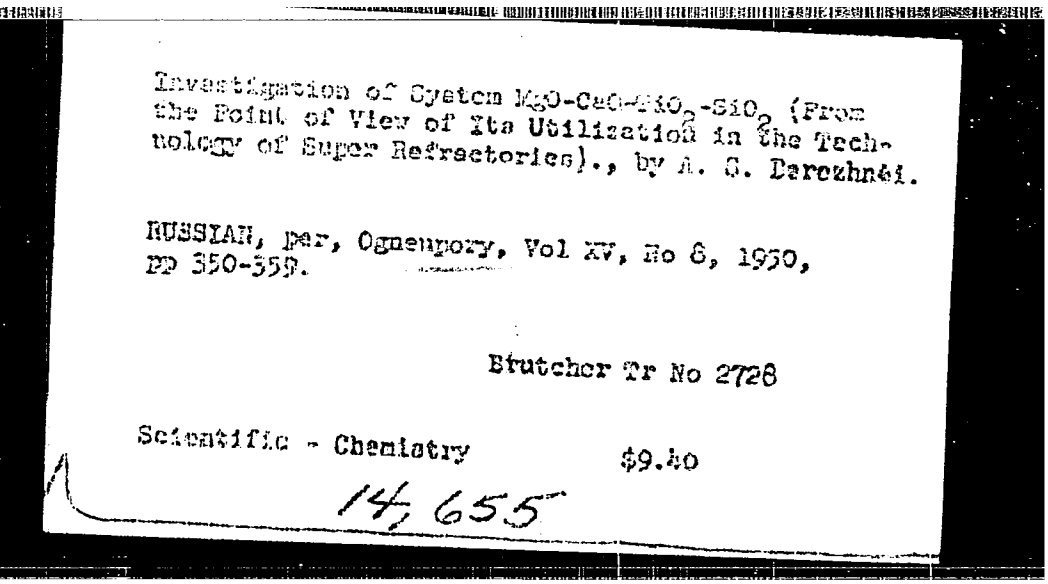

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Brutcher Tr No 2728

Scientific - Chemistry $9.40

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Production of Highly Aluminous Bricks for Open-Hearth Furnace Ladles, by D. S. Rutman. UNCL

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PROCEDURE FOR THE DETERMINATION OF ELECTRICAL CONDUCTIVITY AND ITS APPLICATION TO THE INVESTIGATION OF VARIOUS REFRACTORY MATERIALS AT HIGH TEMPERATURES. [1963] [21p] 1ref
Order from OTS, SLA, or ETC $2.60 TT-63-20436

Trans. of Ogneupory (USSR) 1951, v. 16, p. 68-75. (Abstract available)

DESCRIPTORS: *Refractory materials, *Electrical conductance, High temperature research, Electric bridges, Voltmeters, Porosity, Corundum, Oxides, Aluminum compounds, Chromium compounds, Iron compounds.

There is described a simple method for determination of the electrical conductivity of refractories at high (Materials--Refractories, TT, v. 11, no. 3) (over)

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I. Tresvyatskii, S. '

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Sintering of Mixes in the CaO-CaO.TiO_2 Region of the Lime-Titanium Dioxide System by B. A. Loshkarev.

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M. P. Zgonnik. UKCL

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The Problem of Producing Highly Aluminous Refractories From Diaspore Concentrate, by Ya. A. Orlovskiy, D. S. Rutman. UNCL

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The Purification of Clays and Kaolins With a Centrifuge and Hydrocyclone, by I. E. Kachan. UESCL

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The Influence of Some Fluxes on the Refractories Under-Load of Alimino Silicate Refractories, by D. N. Poluboyarinov, G. P. Kalliga.

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A Standard-Type Apparatus for the Testing of Refractories for Deformation-Under-Load at High Temperatures, by E. K. Kelor. UNCL

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Sci - Engr
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Sci - Chem

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in the Perveuralsky Silica Works, by M. B. Gotlib.

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Scientific - Min/Metals

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Sci - Chem

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A Method of Producing Boron Nitride, by G. A. Meyerson, G. V. Samsonov, N. Ya. Tseitina.

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Methods of High Temperature Thermal Analysis, by P. P. Budnikov, S. G. Tresvyatskiy.

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The Life of Forsterite Bricks in Open-Hearth Regenerators, by A. V. Leakov, G. A. Molotkov, A. L. Turubiner, T. I. Litvinova.

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On the Construction of the Roof of an Open-Hearth Furnace from Basic Refractories, by K. G. Remisov.

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The Compaction of Magnesite Mixes and the Production of Dense Magnesite Refractories, by I. S. Kainayeskiy, N. D. Nazarenko.

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Short Tunnel Kiln for the Firing of Fireclay oducts, by S. M Ivanov, B. N. Oborin.

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The Properties of Refractories From Magnesite and High Alumina Materials, by V. A. Rybnikov. UNCL

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Method of Introducing Radioactive Calcium Into a Refractory Composition, by E. V. Levintovich, A. N. Lyulichev, O. M. Margulis, D. M. Shaldtin.

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A Petrographic Investigation of the Influence of Iron Oxides on Chrome Spinels During Heating, by L. I. Karyakin et al.

RUSSIAN, per, Ogneupory, Vol XXI, No 4, 1956, pp 166-169.

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Dinas Brick From Chalcedony QuaKrtzite,
by T. S. Ignatova.

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RUSSIAN, per, Ogneupory, Vol. XXI, No 5, 1956, pp 207-210.

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Study Of Elastic Deformations Of Chromium Magnestite Refractories By the Method Of Torsion At Room and High Temperatures by E.K. Keler and M.N. Bluvshtein.

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Dependence Between the Modulus Of Elasticity Determined By the Sonic Method and Certain other Properties Of Refractory Articles by Z.I. Zeselova and P.V. Nevzedimova.

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Uniformity of Pressing Within a Single Article, by J. K. Strelov, 7 pp.

RUSSIAN, per, Ogneupory, Vol XXII, N1957, p 38-

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OTS, Vol III, No 12

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850050-7

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A Micro-Method for Determining the Melting Point of Highly Refractory Materials, by L. Ya. Markovskiy, et al.

RUSSIAN, per, Ogneupory, Vol XXII, 1957, pp 42-.

DSIR LLU M.1162
(loan)

Sci - Engr

Sep 60

125,579

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850050-7

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The Life of Refractories in Ladle-Linings, by
A. R. Makarychev.

RUSSIAN, par, Ogneupory, Vol XXII, No 3, 1957,
pp 105-108.

Co-op Tr Sch Tr 425

Sci - Engr
Mar 58

59345

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850050-7

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Measurement of Elastic Recovery on Pressing Magnesite Bodies, by E. V. Ivakov, et al.

RUSSIAN, per, Ogneupory, Vol XXII, 1957, pp 120-.

DSIR LLU M.1160
(loan)
SLA 60-13964

Sci - Phys

Oct 60

128,701

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850050-7

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Experiments in the Use of Fusion-Cast Zircon-mullite Refractories in the Ports of an O. H. Furnace, by A. G. Maranta, et al.

RUSSIAN, per, Ogneupory, Vol XXII, No 4, 1957, pp 145-152.

Co-op Tr SchTr 435

Scl - Engr
Mar 58

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850050-7

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Effect of Stopper Design on Durability of Stoppers During Service, by I. Sh. Shvartsman.

RUSSIAN, per, Ogneupory, Vol XXII, No 4, 1957, pp 169-172.

Co-op Tr Sch Tr 442

Sci - Engr
Mar 58

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850050-7

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Effect of Body Moisture and Making Pressure on Compaction of Raw and Finished Semi-Dry Pressure Frogged Products, by A. F. Ogarkov, P. S. Mamykin.

RUSSIAN, per, Ogneupory, Vol XXII, 1957, pp 178-.

DSIR LLU M.1166
(loan)

Sci - Engr

Sep 60

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Experiments on the Pressing of Refractories at High Temperatures, by V. Ya. Riekin, V. V. Goncharov.

RUSSIAN, par, Ogneupory, Vol XXIX, No 4, 1957, pp 186-188.

Henry Brutcher TT-[illegible]
$3.25

Sci - Min/Met

Jun 58

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850050-7

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The Destruction of Forsterite Refractories on Heating in a Gaseous Medium of Variable Composition, by I. P. Bas'yas, T. F. Raichenko.

RUSSIAN, per, Ogneupory, Vol XXII, 1957, pp 222-.

DSIR LLU M.1163
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Sci - Chem

Oct 60

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Mould for Vacuum Pressing, by F. I. Chuprunin.

SSIAN, per, Ogneupory, Vol XXII,1957, pp 329-.

DSIR LLU M.1169
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1 - Engr

t 60

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(DC-1485)

The Great Path, by A. A. Koreako, 14 pp. UNCLASSIFIED

RUSSIAN, mo per, Ogneupory, No 10, Moscow, Oct 1957, pp 438-446.

US JPRS/DC-L-201

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Econ - Refractory Industry
May 58

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850050-7

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The Treatment of Unfired Magnesite Bricks With Gaseous Carbon Dioxide as a Substitute for Drying, by V. Belovodskiy, et al. UKCL

RUSSIAN, per, Ogneupory, Vol V, 1957, pp 471-6.

DSIR LIB M.1117

USSR (1cmn) 111, 112
Econ - Ceramic industries
Mar 60

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Plasticised Fireclay and High Alumina Grog Mortars, by L. A. Tseytlin, V. P. Rakina,

RUSSIAN, per, Ogneupory, Vol XXII, No 11, pp 513-519. 1957

Chief Librarian, C.S.I.R.O.
314 Albert Street
East Melbourne, Australia
C. 2, Vic.

Sci
May 60

115,193

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850050-7

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Measurement of Elastic Recovery on Pressing Magnesite Bodies, by E. V. Ivanov.

RUSSIAN per, ~~Ogneupory~~, Vol XXII, No 12, 1957.

Ogneupory ASLIB-GB419 8

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Kainarskii, I. S.
THE ORGANIZATION OF THE PRODUCTION OF DINAS CHROMITE. Jan 60.
Order from MTS 3 MT Trans-38

Trans. of Ogneupory (USSR) 1957, v. 22, no. 12, p. 529-533.

DESCRIPTORS: Refractory materials, Brick, *Iron compounds, *Chromium compounds, Oxides.

(Materials--Refractories, TT, v. 6, no. 10)

61-22811

I. Kainarskii, I. S.
II. MT Trans-38
III. Tollemache, M. de O. (Gt. Brit.)

526

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Impregnation of Silicon-Carbide Articles With Metals, by A. N. Novikov.

RUSSIAN, per, Ogneupory, No 12, 1957, pp 557-562.

Henry Brutcher 4504
$6.60

Sci - Min/Met

May 59

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850050-7

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Performance of Forsterite Refractories in Bottoms of Forge Reheating Furnaces, by V. I. Sinyanskiy, et al.

RUSSIAN, per, Ogneupory, Vol XXII, No 12, 1957, pp 568-571.

Henry Brutcher 4266
$5.80

Sci - Engr
Oct 58

74,942

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850050-7

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Determination of the Part Played by Refractories in the Contamination of Rimming Steel by Non-Metallic Inclusions, by M. I. Tschhenskiy, et al.

RUSSIAN, per, Ogneupory, Vol XXIII, 1958, pp 82-.

*HB
DSIR LLU M.1167
(loan)

122,550

Sci - Min/Met

Aug 60

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850050-7

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Light Weight Thermal Insulation From Zirconia,
by A. A. Pirogov, et al. UKCL

RUSSIAN, per, Ogneupory, Vol XXIII, No 4, 1958,
pp 145-150.

DSIR LIB RTS 1023

15s.

Sgi - Chem
Jun 59

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850050-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850050-7

Dovnar, M.P.
DISPOSITIF EXPÉRIMENTAL DE DÉPOUSSIÉRAGE (Opytnaya Ustanovka dlya Ulavlivaniya Pyli) (Experimental Dust Removing Installation). 8p. CNRS-XXV 484.
Order from OTS, ETC or CNRS $0.80 TT-62-26392

Trans. in French of Ogneupory (USSR) 1958, v.23 [no. 4] p. 150-153.

DESCRIPTORS: Experimental data, *Dusts, *Atmosphere, Installation, *Cleaning.

(Engineering--Sanitation, v. 11, no. 6)

TT- 62-26392

I. Dovnar, M.P.
II. CNRS-XXV 484
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Office of Technical Services
European Translations Centre

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850050-7

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Exchange of Experience, by V. L. Balkevich, S. M. Goldberg.

RUSSIAN, Ogneupory, No 4, 1958, pp 172-175.

525th MI Gp, H-4308

USSR

Econ - Refractories

Dec 59

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Standardisation of Fire Resistivès in Various Countries, by M. N. Bluvshtein.

RUSSIAN, per, Ogneupory, No 4, 1958, pp 179-181.

8

525th HI Gp, H-430

USSR

Econ

Dec 59

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850050-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850050-7

Experimental Making Fire Resistives of Canadian Kyanite Concentrates, by V. D. Svikis.

RUSSIAN, Per, Ogneupory, No 4, 1958, p 191.

525th MI Gp, H-4308

Sci - Chem

Dec 59

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850050-7

Research Work on the Affect of Vibro-Milling on the Clinkering of Active Magnesium Oxide, by S. G. Tryesvyatskiy. 7 pp.

RUSSIAN, per, Ogneupory, No 5, 1958, pp 229-233.

ACSI H-4309
ID 2147187

Sci - Chem

Aug 60

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850050-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850050-7

Service of Magnesite-Chrome Refractories in the Roof of a High Temperature Tunnel Kiln, by V. P. Starum, M. I. Kolesnik.

RUSSIAN, por, Ogneupory, Vol XXIII, 1958, p 257.

SLA 60-1391
C.S.I.R.O.
DSIR SLM [illegible]

Sci-Eng

May 60

116,220

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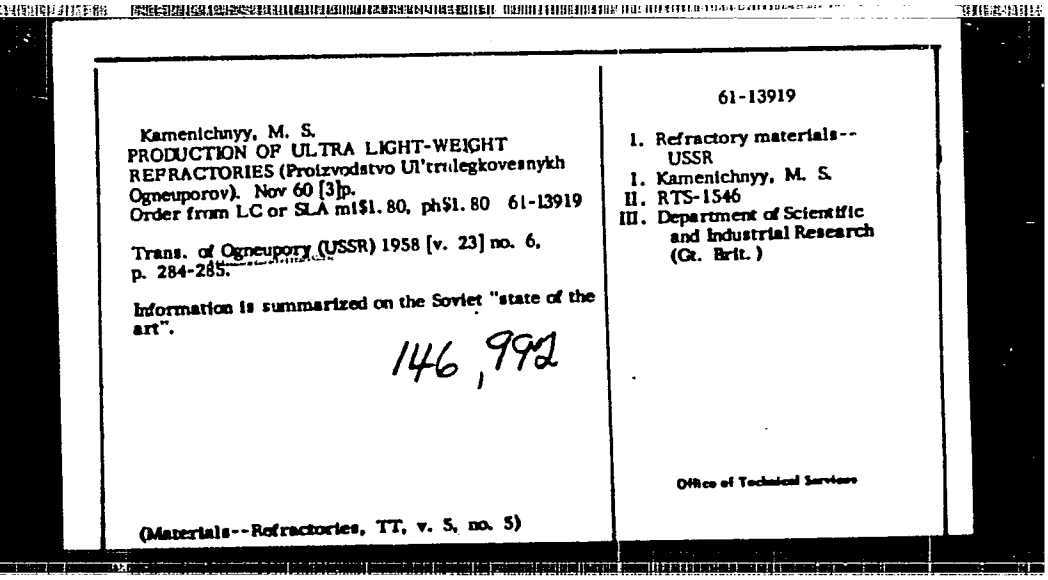

Kamenichnyy, M. S.
PRODUCTION OF ULTRA LIGHT-WEIGHT REFRACTORIES (Proizvodstvo Ul'tralegkovesnykh Ogneuporov). Nov 60 [3]p.
Order from LC or SLA m1$1.80, ph$1.80 61-13919

Trans. of Ogneupory (USSR) 1958 [v. 23] no. 6, p. 284-285.

Information is summarized on the Soviet "state of the art".

146,992

(Materials--Refractories, TT, v. 5, no. 5)

61-13919

1. Refractory materials--USSR
I. Kamenichnyy, M. S.
II. RTS-1546
III. Department of Scientific and Industrial Research (Gt. Brit.)

Office of Technical Services

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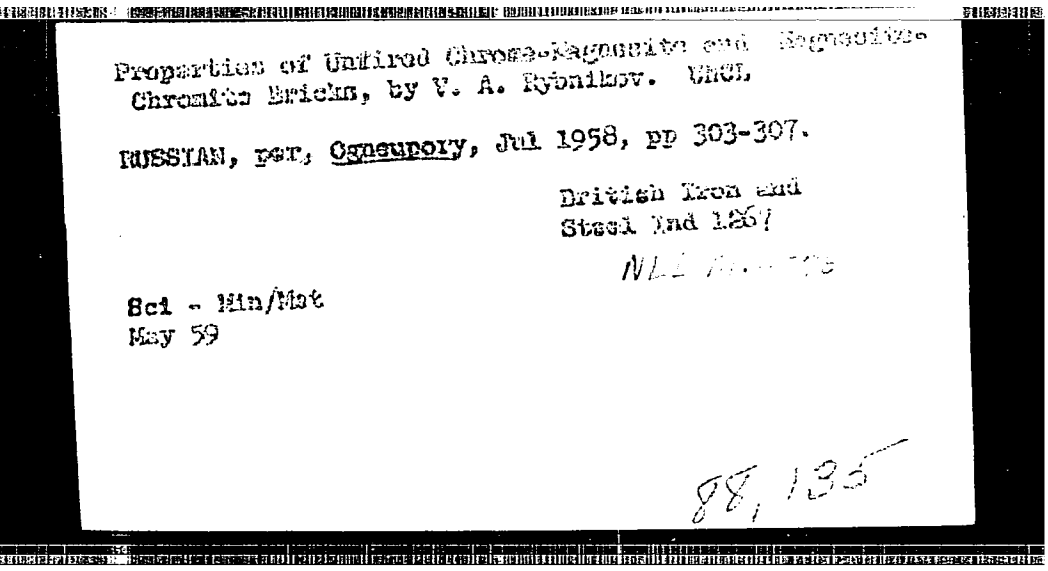

Preparation of Unfired Chrome-Magnesite and Magnesite-Chromite Brick, by V. A. Rybnikov. VNOL

RUSSIAN, per, Ogneupory, Jul 1958, pp 303-307.

British Iron and Steel Ind 1267

NLL [illegible]

Sci - Min/Met
May 59

88, 135

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Technology of Dense, Volume-Constant, High Alumina Products for Lining Blast-Furnaces, by S. A. Zhikharevich,

RUSSIAN, per, Ogneupory, Vol XXIII, 1958, p 385.

CSIRO

118,569

Sci - Engr

Jun 60

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Testing of Silica Bricks With an MgO-MnO Bond in the Roofs of O.H. Furnaces, by A. P. Klyucherov, Zh. A. Vydrina.
RUSSIAN,
KKRRRR, por, Ogneupory, Vol XXIII, 1958, p 476.

CSIRO
SLA 60-[illegible]

Sci - Engr

118,567

Jun 60

DSIR [illegible]

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Periclase-Spinel Bricks, by A. P. Panarin.

RUSSIAN, per, Ogneupory, Vol XXIII, 1958, p 491.

CSIRO

Sci - Engr

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The Effect of Impurities and Titanium Dioxide Admixtures on the Process ~~XXXXXXXX~~ of Stabilizing Zirconium Dioxide, by E. K. Keler, A. B. Andreyeva, 11 pp.

RUSSIAN, per, Ogneupory, Vol XXIII, No 12, 1958, ~~xxx~~ pp 552-558. 9671639

FTD MCL-1423/1

Sci - Chem

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28 Nov 61

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850050-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850050-7

Tests Conducted for the Purpose of Increasing the Resistance to Thermal Shock of Runner Bricks, by I. A. Ol'khovskiy, I. Sh. Shvartsman.

RUSSIAN, per, Ogneupory, Vol XXIII, No 11, 1958, pp 498-504.

BISI 3530

Sci-M/M

248,420

Jan 64

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Guzman, I. Ya. and Poluboyarinov, D. N.
LIGHTWEIGHT REFRACTORIES FROM ALUMINA.
[1963] 14p (figs tables omitted) 11refs
Order from OTS, SLA, or HTC $1.60 TT-63-20376

Trans. of Ogneupory (USSR) 1959, v. 24, no. 2, p. 71-79. (Abstract available)

DESCRIPTORS: *Aluminum compounds, Oxides, *Refractory materials, *Corundum, Manufacturing methods.

It is possible to manufacture light-weight corundum materials from alumina, with a wide range of specific weights. Best materials are produced from prefired and finely ground alumina. A specific feature of light-weight corundum technology is (if compared with the production of compact materials) the low strength of the raw material and the large shrinkage during the (Materials--Refractories, TT, v. 11, no. 3) (over)

TT-63-20376

I. Guzman, I. Ya.
II. Poluboyarinov, D. N.

Office of Technical Services

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15 756 UK-39

STRELOV K. K., DUVALOVA I. P.

The determination of the channelability of pores of refractories

Ogneupory, 24, No. 3, 134-137 (1959)

Tr/61/36. £ 5. 5s. 0d. - English

Euratom

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Sheaths for Immersion Thermocouples, by O. M. Margulis, L. G. Romanchenko, L. V. Vinogradova, 13 pp.

RUSSIAN, pgr, Ogneupory, Vol XXIV, 1959, pp 157-161.

FDD X-4118

Roger and Roger, Inc

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108, 787

Feb 60

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300850050-7

Zaitsev, V. V.
TEMPERATURE MEASUREMENTS IN A ROTARY KILN (Izmerenie Temperatury vo Vrashchayushcheisya Pechi) tr. by M. Slade. [1961] [6]p. (foreign text included). [CSIRO] Trans. no. 5508.
Order from OTS or SLA $1.10 61-28770

Trans. of Ogneupory (USSR) 1959, v. 24, no. 4, p. 165-167.

DESCRIPTORS: *Ovens, *Temperature, Measurement, Thermocouples, Potentiometers.

(Physics--Thermodynamics, TT, v. 6, no. 12)

61-28770

I. Zaitsev, V. V.
II. CSIRO Trans-5508
III. Commonwealth Scientific and Industrial Research Organization (Australia)

Office of Technical Services

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